

*Supplemental Well history report
on rework.*

FILE NOTATIONS

Entered in NID File ☒

Entered in SR Sheet ☐

Location Map Pinned ☐

Card Indexed ☒

IWR for State or Fee Land ☐

Checked by Chief RHS

Copy NID to Field Office ☒

Approval Letter ☐

Disapproval Letter ☐

COMPLETION DATA:

Date Well Completed 10-3-60

OW ☒ WW ☐ TA ☐

GW ☐ OS ☐ PA ☐

Location Inspected ☐

Bond released ☐

State of Fee Land ☐

LOGS FILED

Driller's Log 11-2-60

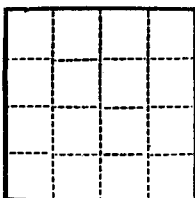
Electric Logs (No. 1) 2

E ☐ I ☐ E-I ☐ GR ☐ GR-N ☐ Micro ☐

Lat ☐ Mi-L ☐ Sonic ☐

Others Radioactivity Log.

1. Ben Ruby has taken over the Big Flat
Unit #3 well in September, 1965.
Originally drilled by Pure Oil Company.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. S.L. 067043
Unit Big Flat

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 20, 19 60

Big Flat Unit

Well No. 3 is located 633 ft. from N line and 793 ft. from E line of sec. 23

NE NE Sec 23 26S 19E Salt Lake
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Big Flat Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derrick floor~~ ground above sea level is 5997 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The proposed casing program is as follows:

- 60' - 20" OD N-40 9 $\frac{1}{2}$ pounds casing cemented to surface.
- 500' - 13-3/8" OD 48 pounds surface casing cemented to surface.
- 4600' - 8-5/8" OD intermediate casing string.
- 8350' - 5-1/2" OD oil string, if necessary.

The principle objective is the McCracken Sand at estimated depth of 8350'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Pure Oil Company

Address 1700 Broadway

Denver, Colorado

By T. L. Harburton
Title Division Chief Production Clerk

Vice-President — General Manager

April 21, 1960

The Pure Oil Company
1700 Broadway
Denver, Colorado

Attention: T. L. Warburton, Div. Chief Prod. Clerk

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Big Flat Unit 3, which is to be located 633 feet from the north line and 793 feet from the east line of Section 23, Township 26 South, Range 19 East, 31, Grand County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well has not been spudded within said period.

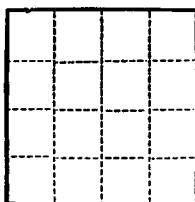
Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT,
EXECUTIVE SECRETARY

CBF:awg

cc: Don F. Russell, Dist. Eng.
U. S. Geological Survey
Salt Lake City, Utah



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. S.L. 067043
Unit Big Flat

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 13, 1960

Big Flat Unit

Well No. 3 is located 633 ft. from [N] line and 793 ft. from [E] line of sec. 23

NE NE, Sec. 23
(1/4 Sec. and Sec. No.)

26-S
(Twp.)

19-E
(Range)

Salt Lake
(Meridian)

Big Flat
(Field)

Grand
(County or Subdivision)

Utah
(State or Territory)

The elevation of the ~~surface~~ ^{ground} above sea level is 5297 ft.
~~AS elevation is 6010 ft.~~

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded with Dry Hole Digger 4-28-60.

Resumed drilling with Rotary Rig 4-30-60.

Set 20" OD 9 1/4 lb casing at 16' and cemented with 5 yards of Ready Mix.

Set 13-3/8" OD 4 1/2 lb casing at 453' and cemented with 400 sacks 50-50 Pomic.

Set 8-5/8" OD 2 1/2 lb and 3 1/2 lb casing at 4285' and cemented with 1000 sacks 50-50 Pomic.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

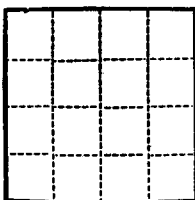
Company The Pure Oil Company

Address 1700 Broadway

Denver 2, Colorado

By T. L. Warburton

Title Division Chief Production Clerk



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. S.L.S. 067043
Unit Big Flat

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 23, 1960

Big Flat Unit

Well No. 3 is located 633 ft. from N line and 793 ft. from E line of sec. 23

NE NE Sec 23 26S 19E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Big Flat Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derrick floor~~ ^{ground} above sea level is 5997 ft.
~~is elevation is 6010 ft.~~

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

SEE ATTACHED

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Pure Oil Company

Address 1700 Broadway

Denver, Colorado

By T. L. Warburton

Title Division Chief Production Clerk

BIG FLAT UNIT NO. 3. 4289-4452 (163') SALT AND DOLOMITE.

JOHNSTON DST NO. 1, 4432-4445. OPEN 35 MINUTES. NOTHING TO SURFACE. RECOVERED 110'

VERY SALTY WATER. PRESSURES, IH 2440, IF 87, FF 75, FH 2420. NO SHUT IN PRESSURES.

DRILLED 4445-4452.

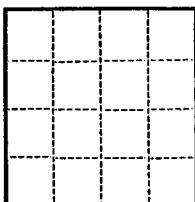
The Pure Oil Co

May 12, 1960

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. S.L. 0670h3
Unit Big Flat



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 17, 1960

Big Flat Unit

Well No. 2 is located 633 ft. from N line and 793 ft. from E line of sec. 23

23 (1/4 Sec. and Sec. No.) 26S 19E (Twp.) (Range) Salt Lake (Meridian)

Big Flat (Field) Grand (County or Subdivision) Utah (State or Territory)

The elevation of the ~~surface~~ top of casing above sea level is 5997 ft.

~~its~~ its elevation is 6010 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

SEE ATTACHED

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Pure Oil Co.

Address 1700 Broadway

Denver, Colorado

By T. L. Warburton

Title Division Chief Production Clerk

HOWCO DST NO. 2, 4882-4950. TOOL OPEN 5 MINUTES WITH GOOD STRONG BLOW. ISI 30 MINUTES,
OPEN 1 HOUR WITH VERY SLIGHT BLOW THROUGHOUT TEST. NO GAS TO SURFACE, FSI 30 MINUTES.

RECOVERED 85' VERY SLIGHTLY GAS CUT DRILLING FLUID AND 5' OF 35.2 GRAVITY DARK GREEN OIL.

PRESSURES, IH 2850, ISI 145, IF 25, FF 25, FSI 145, FH 2830.

The Pure Oil Co
May 17, 1960

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake

Lease No. SL 067043

Unit Big Flat

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	<u>X</u>
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. 3 is located 633 ft. from N line and 793 ft. from E line of sec. 23
23 (1/4 Sec. and Sec. No.) 262 (Twp.) 192 (Range) Salt Lake (Meridian)
Big Flat (Field) Grand (County or Subdivision) Utah (State or Territory)

The elevation of the ~~depth~~ ground above sea level is 5997 ft.

KB elevation is 6010 ft.
DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

SEE ATTACHED

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Pure Oil Company

Address 1700 Broadway

Denver, Colorado

By

T. L. Warburton
Title Division Chief Production Clerk

*The Pure Oil
Co.*

HOWCO DST NO. 3, 5601-5701, NO WATER CUSHION. OPEN 5 MINUTES WITH GOOD BLOW, ISI 30 MINUTES, TOOL OPEN 1-1/2 HOURS WITH VERY WEAK BLOW THROUGHOUT TEST. NO GAS TO SURFACE.

*May 20, 21
1960
+ 2⁷*

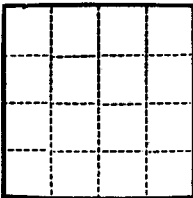
FSI 30 MINUTES. RECOVERED 90' FLUID, TOP 70' BLACK OIL, CORR. GRAVITY 34.7, BOTTOM 20' GAS AND OIL CUT DRILLING FLUID. PRESSURES, IH 3185, ISI 145, IF 22, FF 22, FSI 50, FH 3160.

5/27/60 PERFORATED TUBING ABOVE PACKER WITH 4 HOLES, 18" ABOVE COLLAR, WHILE GOING IN HOLE. SET OTIS BLANKING PLUG 60' BELOW ROTARY. SET PACKER AT 5965, PERFORATIONS IN 2-7/8" OD TUBING AT 5944. STARTED FLOWING AT 4:00 A.M. CLEANED TO PIT ONE HOUR. TURNED

TO TANK AT 5:00 A.M. 5/28/60. FIRST HOUR, WELL PRODUCED .66 BBLS. OIL AND 14 BBLS. SALT WATER. IN 18 HOURS ENDING MIDNIGHT 5/28/60 PRODUCED 319 BBLS. OIL AND 69 BBLS. SALT WATER, 24/64" CHOKE, TP 200.

5/29/60 FLOWED 10 HOURS ON 24/64" CHOKE, TP STEADY AT 175. FLOWED 1 HOUR ON 32/64", 1 HOUR ON 34/64", 12 HOURS ON 3/4" CHOKE, TP 550 DECREASED TO 75 POUNDS AND LEVELED OFF. PRODUCED TOTAL OF 406 BBLS. OIL AND 28 BBLS. SALT WATER.

5/30/60 FLOWED 11 HOURS ON 3/4" CHOKE. PRODUCED 79.13 BBLS. OIL, AVERAGE TP 75 POUNDS. NEXT HOUR ON 24/64" CHOKE, NO PRODUCTION. NEXT HOUR FLOWED ON 24/64" CHOKE, PRODUCED 13.96 BBLS. OIL. NEXT HOUR, NO PRODUCTION. NEXT HOUR FLOWED 1.99 BBLS. OIL. NEXT HOUR, NO PRODUCTION, TP ZERO, CP INCREASED TO 650. INSTALLED CHOKE ON CASING. FLOWED 5 HOURS THROUGH CASING ON 24/64" CHOKE, PRODUCED 95.98 BBLS. OIL, CP DECREASED FROM 650 TO ZERO. WELL DEAD 3 HOURS. SHUT CASING IN AND OPENED THROUGH TUBING. IN 24 HOUR PERIOD PRODUCED 191 BBLS. OIL AND 34 BBLS. SALT WATER. MIDNIGHT TO 6:00 A.M., WELL DEAD, CASING SHUT IN, PRESSURE ZERO. TUBING OPEN ON 24/64" CHOKE, PRESSURE 50 POUNDS, MAKING A LITTLE GAS, NO OIL OR WATER.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. S.L. 067043
Unit Big Flat

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Big Flat Unit May 11, 1960

Well No. 3 is located 633 ft. from N line and 793 ft. from E line of sec. 23

NE NE Sec 23 26S 19E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Big Flat Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derrick~~ ^{ground} floor above sea level is 5997 ft.
KB elevation is 6010 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

SEE ATTACHED

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Pure Oil Co.

Address 1700 Broadway

Denver, Colorado

By T. L. Harburton
Title Division Chief Production Clerk

PURE-OIL-COMPANY-

D. O. DARLEY - 317 Contal Bank Building
Salt Lake City, Utah

PURE OIL COMPANY
Big Flat Unit #3
Sec 23, T. 26 S, R. 19 E.,
Grand County, Utah

Well Log; Lessee's Monthly Report - Sep., 1960
Oct. 1960; Gamma Ray-Neutron Log

Returned 4-22-63

02015 1200 UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 40-2588A
Approval expires 12-31-42

LAND OFFICE Salt Lake City
LEASE NUMBER SLC 667043
UNIT Big Flat

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Big Flat

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1940.

Agent's address P. O. Box 265 Company The Pure Oil Company

Moab, Utah

Signed J. B. Strong

Phone Alpine 3-3581

Agent's title District Chief Clerk

SEC. AND 1/4 OR 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C. SW 1/4 SE 1/4 Sec. 14	26S	19R	1	-0-	-0-	-	-0-	-0-	None	Shut down entire month. Rods parted.
SW 1/4 NE 1/4 Sec. 14	26S	19R	2	-0-	-0-	-	-0-	-0-	None	Shut down entire month. Rods parted.
NE 1/4 NE 1/4 Sec. 23	26S	19R	3	-0-	-0-	-	-0-	-0-	None	Drilled 8271 - 8432. Cored to 8485. Drilled to 8600 TD. DST #15 8511-8600. Plugged back to 7770 with 165 sac regular cement. Perforated 4 shots per foot 7750-7756. Set Model D packer at 7740. Swabbed & rec. salt water. Squeezed perfs 7750-7756 with 150 sac cement. Perforated 4 shots per ft. 7714-7726. Set Model D packer at 7704. Acid-ized perfs 7714-7726 with 5000 gals. XFW acid. Swabbed back oil acid water and small amount of gas. Swabbed 3 days. Rec. approx. 275 bbls. fluid, est. 60% oil. Now waiting on pumping equipment.

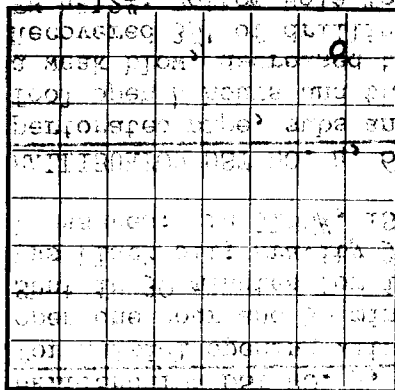
NOTE.—There were See Form 9-361 runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-330

U. S. LAND OFFICE Salt Lake
SERIAL NUMBER SL 087043
LEASE OR PERMIT TO PROSECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company The Pure Oil Company Address P. O. Box 265, Moab, Utah
Lessor or Tract U. S. Government Field Big Flat State Utah
Big Flat Unit
Well No. 3 Sec. 23 T. 26 S. R19 E Meridian Salt Lake County Grand KB 6010'
Location 633 ft. S of N Line and 793 ft. W of E Line of NE NE, Sec. 23 Elevation Gr. 5997'
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed _____
Date October 10, 1960 Title District Chief Clerk

The summary on this page is for the condition of the well at above date.

Commenced drilling April 28, 1960 Finished drilling September 9, 1960.

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5986' to 6372' (Salt No. 4, from _____ to _____
(Section)
No. 2, from 7714' to 7726' No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 5986' to 6015' No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
20"	91#	8-y	N88	16'	Coupling				Cemented to surface
13-3/8"	48#	8-R	N88	100'	Float				Cemented to surface
8-5/8"	21# & 32#	8-R	N88	1285'	Float				Intermediate string
7"	29# & 32#	Extreme	S8	4798'	Float		7714	7726	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
20"	16'	5 yds. Ready Mix	Halliburton		
13-3/8"	483'	400 sacks	Halliburton		
8-5/8"	4285'	1000 sacks	Halliburton		
7"	7798'	390 ex & 90 gals.	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

FOLD MARK

20"	16'	5 yds. Ready Mix	Halliburton
13-3/8"	483'	400 sacks	Halliburton
8-5/8"	4285'	1000 sacks	Halliburton
7"	7798'	390 ax & 20 gals.	Halliburton

Latex

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ zero _____ feet to _____ 8600 _____ feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

September 23 _____, 19 _____ 60 Put to _____ pumping _____ October 3 _____, 1960

The production for the first 24 hours was _____ 191 _____ barrels of fluid of which 50.52% was oil; _____ 7.0% emulsion, 19.18% water; and _____ % sediment. Gravity, °Bé. 43.7

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

1. - _____ Driller

2. - _____ Driller

3. - _____ Driller

4. - _____ Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0000	2239'	2239'	Sand and shale.
2239'	4093'	1850'	Shale and limestone.
4093'	4289'	196'	Shale, limestone and salt.
4289'	4452'	163'	Salt and dolomite
4452'	4612'	160'	Salt, anhydrite and dolomite.
4612'	4709'	97'	Salt and anhydrite.
4709'	4950'	241'	Salt, anhydrite and shale.
4950'	5087'	137'	Salt.
5087'	5565'	478'	Salt, lime and anhydrite.
5565'	5756'	191'	Salt and anhydrite.
5756'	6137'	381'	Salt and dolomite.
6137'	6187'	50'	Core No. 1 - See reverse side.
6187'	6356'	169'	Salt, anhydrite and shale.
6356'	6373'	17'	Salt.
6373'	6420'	47'	Salt and dolomite.
6420'	6606'	186'	Salt and anhydrite.
6606'	6708'	102'	Salt, anhydrite and dolomite.
6708'	7270'	562'	Salt and anhydrite.
7270'	7406'	136'	Salt No. 2 - See page.
7406'	7436'	30'	Dolomite, anhydrite and shale.
7436'	7451'	15'	Dolomite and shale.
7451'	7525'	74'	Lime No. 5 - See page.
7525'	7561'	36'	Shale, dolomite and lime.

- 11' - Limestone, gray-dark gray, dense-coarse xln, occasional bleeding of oil and filtrate from numerous random hairline fracs, scattered streaks of pin point vugular porosity, occasional staining, odor and spotty light blue fluorescence.
- 27' - Dolomite, dark gray, streaks of brecciated appearance, dense-coarse xln, bleeding oil, gas and filtrate from numerous hairline fracs, numerous streaks of pin point vugular porosity, larger vugs from 7723' to 25', staining, odor and light blue fluorescence.

CORE NO. 6 - 7726' - 7775' Cut and Recovered 49'.

- 49' - Dolo, dark gray, occasional streaks of brecciated appearance, bleeding oil and filtrate from numerous random hairline and larger vertical fracs, abundant pin point and larger vugs, light from 7729' - 36' and fairly tight from 7736' - 46'.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

CORE NO. 7 - 7775' - 7796' Cut 21' and Recovered 19 1/2'.

- 18' - Dolomite, dark gray, abundant pin point to larger vugular porosity, bleeding oil and filtrate from numerous random hairline fracs, bleeding mostly oil from 7775' - 80', zones of alternating oil and water from 7780' - 86', bleeding mostly water with occasional streaks of oil from 7786' - 93'.

- 1 1/2' - Dolomite, as above, light gray, bleeding oil and mostly filtrate from numerous random hairline fracs.

CORE NO. 8 - 8432' - 8485' Cut & Recovered 53'.

- 53' - Gray, green and red dolomite, no porosity, no shows.

Johnston DST NO. 1, 8432' - 8445' Ran test tool and opened for 3 minute initial opening. Could not detect tool opening. Left tool set for a total of 25 minutes. Picked up and reset and left for 10 more minutes. No indication of tool opening. Pulled out to check test tool. Tool had been open all the time. Recovered 110' of very salty water which weighed 10.5# per gallon. Pressures: IH 2440#, No shut in pressures; IF 87#, IF 75#, FH 2420#, Bottom Hole Temperature 99°.

HALLIBURTON DST #2, 4882' to 4950' Top chokes 1/2" and 1/4", bottom choke 5/8". Tool open 5 minutes for initial opening with good strong blow. Shut in 30 minutes for initial shut in. Tool open one hour with very slight blow throughout test. No gas to surface. Shut in 30 minutes for final shut in. Recovered 85' of slightly gas cut drilling fluid and 5' of 35.2 corrected gravity dark green oil. Pressures: IH 2850#, ISI 145#, IF 25#, FF 25#, FSI 145#, FH 2830#.

HALLIBURTON DST NO. 3, 5601' to 5701' -- Ran no water casing. Tool open five minutes for initial opening with good blow. Shut in 30 minutes for initial close-in. Tool open one hour and 30 minutes with very weak blow throughout test. No gas to surface. Shut in 30 minutes for initial close-in. Recovered a total of 90' of fluid, top 70' was black oil; gravity 35.2 @ 67° = 34.7. Bottom 20' gas and oil cut drilling fluid. Pressures: IH 3185#, ISIP 145#, IF 22#, FF 33#, FSIP 50#, FH 3160#.

HALLIBURTON DST NO. 4, 6301' - 6373' Ran 2 packers, set at 6301' and 6295', 40' of perforated pipe, subs and drill collar below packer. 30 minutes initial shut in. Tool open 4 hours and then 30 minutes final shut in. Tool opened at 11:25 p.m. with a weak blow, decreased to zero in two hours and 10 minutes. No gas to surface. Recovered 35' of drilling mud. Pressures: IH 4545#, ICI 110#, IF 32#, FF 32#, FCI 49#, FH 4512#, Bottom Hole Temperature 156°.

FORMATION RECORD--Continued

FROM--	TO--	TOTAL FEET	FORMATION
7561'	7615'	54'	Line
7615'	7674'	59'	Core No. 2 - See below.
7674'	7676'	2'	Core No. 3 - See below.
7676'	7688'	12'	Core No. 4 - See below.
7688'	7726'	38'	Core No. 5 - See below.
7726'	7775'	49'	Core No. 6 - See below.
7775'	7796'	21'	Core No. 7 - See below.
7796'	7801'	5'	Line and shale.
7801'	7949'	148'	Line.
7949'	8093'	144'	Limestone.
8093'	8128'	35'	Dolomite and chert.
8128'	8160'	32'	Dolomite.
8160'	8202'	42'	Line.
8202'	8271'	69'	Limestone.
8271'	8310'	39'	Line and sand.
8310'	8343'	33'	Line.
8343'	8376'	33'	Dolomite and line.
8376'	8432'	56'	Dolomite and line.
8432'	8485'	53'	Core No. 8 - See below.
8485'	8574'	89'	Dolomite.
8574'	8600'	26'	Sand and shale.
		8600'	TOTAL DEPTH
CORE NO. 1	- 6137' - 6187'	Cut and Recovered 50'.	
	5' - Dolomite, gray, anhydritic.		
	3' - Dolomite, dark gray and earthy.		
	2' - Black shale.		
	2' - Dolomite, dark gray and earthy.		
	4' - Anhydrite with inclusions of dolomite and partings of black shale.		
	3' - Anhydrite with black shale partings.		
	3' - Anhydrite, gray.		
	26' - Sandy, white.		
CORE NO. 2	- 7615' - 7674'	Cut 59' and Recovered 57'.	
	57' - Limestone, gray-dark gray, fine to medium xln, bleeding oil from fracs and scattered inter-xln and pin point porosity.		
CORE NO. 3	- 7674' - 7676'	Cut and Recovered 2'.	
	2' - Limestone, gray, hairline fracs bleeding oil and filtrate.		
CORE NO. 4	- 7676' - 7688'	Cut and Recovered 12'.	
	12' - Limestone, gray, vertical fracs, random hairline fracs bleeding oil and filtrate except from 7687' to 7688'. Now going in hole for DST #12 to test from 7615' to 7688'. Now going in hole for DST #12 to test from 7615' to 7688'.		
CORE NO. 5	- 7688' - 7726'	Cut and Recovered 38'.	
	11' - Limestone, gray-dark gray, dense-coarse xln, occasional bleeding of oil and filtrate from numerous random hairline fracs, scattered streaks of pin point vugular porosity, occasional staining, odor and spotty light blue fluorescence.		
	27' - Dolomite, dark gray, streaks of brecciated appearance, dense-coarse xln, bleeding oil, gas and filtrate from numerous hairline fracs, numerous streaks of pin point vugular porosity, larger vugs from 7723' to 25', staining, odor and light blue fluorescence.		

LOG OF OIL OR GAS WELL (Continued)BIG FLAT UNIT
WELL NO. 3

HALLIBURTON DST NO. 5, 6119' - 6373' Set 2 packers. 30 minutes initial shut in, tool open 7-1/2 hrs., 30 minutes final shut in. Tool opened with a good blow. Gas to surface in 30 minutes, mud to surface in 40 minutes. Flowed oil and gas cut mud for 50 minutes. Flowed oil and gas cut muddy salt water for two hours. Inc. at midnight. Flowed salt water for three hours. Salt water estimated between 10-20 barrels per hour. Pressures: IH 4435#; ICI 4275#; IF 3465'; FF 3465#; FCI 3940#; FH 4425#; Bottom Hole Temperature 154°.

HALLIBURTON DST NO. 6, 5470' - 5770' Packers failed to hold. No test.

HALLIBURTON DST NO. 7, 5350' - 5800' Opened tool at 2:30 a.m. Packers failed to hold. No test.

HALLIBURTON DST NO. 8, 6470' - 6606' Tool open four minutes with very weak blow. 30 minutes initial shut in. Tool open one hour with a very weak blow. 30 minutes final shut in. Recovered 86' of drilling mud. Pressures: IH 4835#; ICI 860#; IF 55#; FF 85#; FCI 450#; FH 4805#; Estimated Bottom Hole Temperature 150°.

HALLIBURTON DST NO. 9, 7404' - 7424' Tool open 30 minutes with no blow. Recovered 5' of very slightly gas cut mud. Pressures: 30 minutes ICI 20#; IF and FF 0#; 30 minutes FCI 0#; IH 5520#; FH 5500# Bottom Hole Temperature 130°.

HALLIBURTON DST NO. 10, 7547' - 7610' No test. Mis-run.

HALLIBURTON DST NO. 11, 7547' - 7615' Tool open 80 minutes. Opened with a very weak blow which increased to fair blow in 20 minutes, to good blow in one hour which continued throughout test. Recovered 20' of gas and 130' of highly gas cut mud with flecks of green oil and with H2S odor. Pressures: 30 minutes ICI 4380#; IF 775#; FF 1045#; 30 minutes FCI 2555#; IH 5270#; FH 5190#; Bottom Hole Temperature 182°.

HALLIBURTON DST NO. 12, 7615' - 7688' Tool open 90 minutes. Opened with a strong blow, decreased to a very weak blow. No gas to surface. Recovered 160' of heavy gas cut drilling mud. Pressures: 30 minute ICI 1725#; IF 105#; FF 325#; 30 minute FCI 1105#; IH 5525#; FH 5540#; Bottom Hole Temperature 178°.

HALLIBURTON DST NO. 13, 7674' - 7726' Tool open two hours with fair blow. Recovered 6200' of gas in drill pipe and 600' of 45.0 at 66° = 44.5 gravity green oil with a black fluffy residue throughout. Pressure: 30 minute ICI 2575#; IF 140#; FF 290#; 30 minute FCI 2333#; IH 5755#; FH 5720#.

HALLIBURTON DST NO. 14, Straddle test 7733' - 7774' Tool open three hours with fair blow. Recovered 5500' of gas cut salt water. Pressures: 30 minute ICI 2645#; IF 343#; FF 2436#; 60 minute FCI 2625#; IH 5703#; FH 5667#; Bottom Hole Temperature 180°.

HALLIBURTON DST NO. 15, 8511' - 8600' Tool open one hour with a very very weak blow. Recovered 30' of drilling mud. Pressures: 30 minute ISI 1935#; IF & FF 40#; 30 minute FSI 982#; IH 3960#; FH 3980#.

Acidized through perforations 7714' - 7726' with 5000 gallons XFW acid. Flushed with 46 barrels fresh water.

IMPORTANT MARKERS

Salt Top	4225'
Salt Base	7409'
Mississippian	7591'
Ouray	8105'
Elbert	8235'
McCracken	8381'
Cambrian	8529'

SUPPLEMENTAL REPORT

WELL NO. 3 LEASE Unit SEC. 23 TWP. 26S RANGE 19 E
FIELD BIG FLAT STATE Utah COUNTY Grand
LOCATION 633 Ft. from N. LINE and 793 Ft. from E. LINE NE 1/4 NE 1/4
ELEVATION 5997' Ground Level 6010' Kelly Bushing
HISTORY PREPARED BY W. W. BUTLER-Walt Forbes Company, Casper, Wyoming

- 7-66 Rig up R & R Service to pull rods and tubing preparatory to directional survey of hole.
- 7-30-66 Ran Sperry-Sun directional survey from surface to 6100' with 100 foot steps.

released R & R from B. F. #3 location.
- 9-1-66 S. S. Reames Well Servicing from Astec, New Mexico moving on location and rigging up. Rig No. 12.

Picked up drill collars and 2 7/8" American Full hole drill pipe.

Ran bridge plug and set at 5470' K. B. by McCullough. Ran McCullough correlation log from 5300' to 5500' to pick position for whipstock and window.
- 9-2-66 Attempting to run whipstock.

Considerable difficulty with salt deposition inside of 7" casing.

Set top of whipstock at 5370' K. B. Commenced cutting window.

Well blew in when approximately 6 inches of window was opened.

Blew green oil and gas for a short period (estimate 30 bbls. of oil) and then died down.

Resumed milling.

SUPPLEMENTAL REPORT

WELL NO. 3 LEASE Unit SEC. 23 TWP. 26S, RANGE 19 E.

Page #2

9-3-66 Milled window from 5370 to 5384'. Reamed out window to full 6" diameter opening.

9-4-66 T. D. 5403'
Drilling with 6" bit.
Surveys indicate 5°
Bit #1 6" Reed YH-R in at 5384' ran 11 hours pulled at 5435'
Bit #2 6" Reed YH-R in at 5435' drilling with brine water.

9-5-66 T. D. 5585'
5° at 5552'
Bit #3 6" YH-R in at 5552'

9-6-66 T. D. 5735'
4 3/4° N 18° E at 5614'
4 3/4° N 23° E at 5735'
Bit #4 6" HTC OWC in at 5758'

9-7-66 T. D. 5806'
Bit #5 6" YHW-R in at 5780'

9-8-66 T. D. 5980'
4 1/2° N 19° E at 5830'
6 1/2° N 18° E at 5980'
Bit #6 6" W7R in at 5806'

9-9-66 T. D. 6135'
Bit #7 6" Reed YS in at 6070'
Circulated and pulled out of hole to run casing liner.
Picked up 4 1/2" 11.6 casing.

414.91'	13 jts, 4 1/2", 11.6#, N-80, 8-R casing
584.02'	18 jts, 4 1/2", 11.6#, J-55, 8-R casing.
1.51'	Baker Float Collar
0.76'	Baker Guide Shoe
3.50'	Burns casing hanger

SUPPLEMENTAL REPORT

WELL NO. #3 LEASE Unit SEC. 23 TWP. 26 S. RANGE 19 E.

Page #3

Ran casing with 2 7/8" drill pipe and tagged bottom at 6136' K. B.

Picked up to 6135' K. B. and set hangar slips.

6135.00' Guide Shoe
6101.62' Float Collar
5714.32' Top of N-80 casing
5130.30' Top of J-55 & Hangar

Cemented with 320 sax by Dowell

9-10-66

T. D. 6136'
Plugs down at 3:00 A. M.
Set lead seal in Burns hangar
Picked up and reversed out excess cement. Approximately 30 sax.
Picked up 90 feet and shut in well with 1000 psig.

W. O. C.

9-11-66

T. D. 6136'
W. O. C. 31 hours.
Pulled and laid down drill pipe after washing and circulating with fresh water.
Picked up tubing, drill collars and bit.

1.68' bit sub w. 3 7/8" bit
59.40' two 3 1/8" drill collar
1.28' change sub.
1103.77' 35 jts. 2 3/8" tubing.
4908.62' 159 jts. 2 7/8" tubing.
26.50' Kelly in hole.
6101.25' on top of plugs in float collar.

9-12-66

P. B. T. D. 6101'
Drilled out float collar
Drilled ahead to 6133'
Trip out of hole to remove two drill collars.

SUPPLEMENTAL REPORT

WELL NO. 43 LEASE Unit SEC 23 TWP. 24S RANGE 19 E.

Page #4

Trip in with

2.25' bit & bit sub
1103.77' 35 jts 2 3/8" tubing
5001.62' 162 jts. 2 7/8" tubing
27.00' Kelly in
6134.64 on bottom

Circulated salt water and fresh water out of hole with
crude oil. Drilling ahead into Clastic zone #12
with crude.

Drilled to 6159' W.B. No. 1 low

W. W. BUTLER
L. S. & P. E. #426 Wyoming

Sharon
BIG FLAT OPERATIONS - April 9th through May 9th, 1968

- 4/9 - Rigged up and pulled tubing. Salted up, had to work the first 125' out of hole (found 1st joint split approximately 2' from bottom of joint). String wet, tubing plugged. Set Kobe @ #3 and water tank and 1-5/8" drill pipe. NO verification of collapsed casing on #2. Rig up on #3 to wash tubing while we wash salt out of tubing and move it to #2.
- 4/10 - Moving tubing from #1 to #2. Rig up on #3. Washed down tubing w/1-5/8" drill pipe 10 jts., got flow from bottom. Swabbed well for 3 hours. Last run fluid @ 3500'. Ran swab to 4000'. SD, rig down. Have 75 jts of 2-7/8" tbq. on #2 location.
- 4/11 - Rig Up and ran in hole. Hit collapsed csg. @ 4671' KB. could not turn tbq. with any weight on it. Called Halliburton to P & A. All of tubing from #1 is on #2 (2-7/8") OOH and laid down drill collars.
- 4/12 - No. 2 well - Ran in hole w/2-7/8" tbq. open ended, drill collars and cross over taken out (56.43'). Picked up 2 jts. (61.17'), tagged bottom @ 4671.9 + 29'. LD 1 jt. & cmtd. w/50 sacks neat cmt. Rigged down from #2. Rigged up on #3 - ran in 18 jts. of 1-5/8" drill pipe down annulus, hit salt @ approx. 530'.
- 4/13 - Washing down annulus w/1-5/8" drill pipe, fresh water w/Kobe rigged up pump and pit. Have in 59 jts., approx. 1770'. Hit salt bridge @ 700'?
- 4/14 - GIH w/1-5/8" drill pipe to 3470'.
- 4/15 - Washed down to 3560'. DP plugged. POOH, 2nd joint from bottom plugged w/ salt. Laid down 5 bad joints. Back in hole to 3200', circulated 3 hrs. Rigged up Aztec Pump.
- 4/16 - Washed down to 3900', salt.
- 4/17 - Washed down to 4500'. Last 120' almost solid salt.
- 4/18 - Repaired Aztec Pump and hooked up mud hopper while we circulated hole. Hole made some salt last night, rigged up and pulled on tbq. to 80,000 - no movement. Washed down w/1-5/8" drill pipe to 4700' - salt. Kobe pumping slow all night.
- 4/19 - Washed down to 5130'. Stopped on top of 4-1/2" liner. Circulated hole clean (8.8% water) Last 600' hard salt.
- 4/20 - Pulled out of hole and laid down 1-5/8" drill pipe. Swabbed tbq. until it was clear.
- 4/21 - Worked tubing. Ran in McCullough to set plug. Could not get below 5001'. Ran sinker bar and spudded it. Could not get it to go below 5050'. Worked tubing to 80,000#. Made manual back-off, pulled 162 jts. of 2-7/8" tbq. and 1 jt. of 2-3/8".
(162 jts 2-7/8" = 5068.92' and 1 jt. 2-3/8" = 30.81')
Made up wash pipe 340' w/jars and 2 collars.
- 4/22 - Finished going in hole. Could not get over fish. Pulled out of hole.

- 4/23 - W/H w/overshot. While circulating salt out of hole 2-1/2" nipple parted and dropped tbq. about 7'. Fished tubg. up into bottom of blowout preventer and put in a new nipple. Circulated salt out of hole 3-1/2 hrs. Went over fish w/overshot and caught same, ran sinker bar in hole to 5050'. SD for day. Tubing and annulus full of fresh water. Getting ready to swab tubing so we can get McCullough down hole.
- 4/24 - Swabbed well for 3 hrs., fluid down to 4000', but could not get flow from tubing. Hit obstruction @ 5050'. Took 2 Impressions - looks like a 1-1/2 or 1-5/8 piece of collar or pipe slightly egg shaped. Backed off manually 2 jts. above overshot. Went back in hole and released overshot and came out of hole. Took impression w/a 5-1/2 impression block run on sand line, shows collar 2-3/8" slightly off center of hole. Fish down the hole again. No flow from tubing / Talked to Rodney Smith and advised him we were going to advise the Group the best thing to do was to move to #1 as soon as talked to Ron Stanger and advised him the odds were too great to try to wash over and complete #3. That the safest way was to whipstock or drill new hole.
- 4/25 - Impossible to get inside tubing (can't catch flying fish). Laid down wash pipe & collars and tubing, took off blowout preventer and flanged up well. Rigged down, move to #1.
Rigged up on #1 and put on BOP. W/O Brown Oil Tool to get scab liner out of hole. Rip Herman should be here in the morning. Moving tubing to #1.
- 4/26 - Finished rigging up and ran in Brown Oil Tool cutter, and Land & Marine spear, 2 drill collars, bumper sub, jars and 121 jts. of 2-7/8" tbq. Flowing heavy salt water w/salt crystals.
- 4/27 - Finished going in hole to 20' above liner. Circulated in reverse after swabbing the tubing to get it unstopped. Could not get to top of liner because of salt. POOH and closed well in for night. Mud to be on location in the morning. (Snowed and blowed 4")
- 4/28 - Mud on location, but busted mud pump. SD for day, another pump due here tonight.
- 4/29 - Mixed pit of mud (13.6%) and pumped it in hole. Did not have enough.
- 4/30 - Mixed 1/2 pit of mud and circulated hole. Went in w/Brown Oil Tool and caught liner. Jarred on liner four times - would not move. Released csg. steer and cut liner. Started out of hole, ran out of diesel on mud pump and could not keep hole full.
- 5/1 - Ran in hole and cut liner and jarred it loose. Pulled liner, laid it down.
- 5/2 - Broke down tools and set cement retainer @ 6233'. Pumping in 50 sacks salt cement, cement @ 3800# PSI. Set cement retainer @ 5988.75'. When this one was set the oil and gas flow stopped. Swabbing.
- 5/3 - Set cement retainer @ 5930'. Squeezed perforations from 5960 - 5980.75' w/75 sacks. PD 4 PM @ 3200# PSI.
- 5/4 - Rig up to drill plug, will start drilling tomorrow morning.

- 5/5 - Decided to run packer if the cement plug leaked. Drilling on EZ drill plug @ 5960'.
- 5/6 - Drilling on plug. Made trip for new bit.
- 5/7 - Finished drilling top plug and drilled 2nd plug @ 5988.75'. Bottom 15' drilled easy. Come out of hole, laid down 2 drill collars.
- 5/8 - Went in hole w/Baker retrievable production packer, set @ 6020', w/2" perforated mud anchor on bottom. Broke disc in tubing. Hole filled up to top of tubing, but did not flow. Swabbed, tried to flow, but perforations plugged off on swabbed down.
- 5/9 - Trucks on location to load equipment. Tubing full of fluid, swabbed down to 4000'. Pumped in 500 gals. 15% MCR, followed w/fresh water. Packer failed. Pressure on annulus at start 400#, went to 1800#, put away all acid and 24 bbls. of water, SD and released that 12:00.

C

O

P

Y

100-115-114

GLEN M. RUBY SHS-11075
BIG FLAT UNIT NO. 3 BIG FLAT FIELD
GRAND COUNTY, UTAH
GYROSCOPIC MULTISHOT SURVEY
SURFACE - 6100' JULY 30, 1968

SPERRY-SUN WELL SURVEYING COMPANY
HORIZONTAL PROJECTION

SCALE: 1" = 20'



5000'

61360
6100'

TV D = 6087.95'

HORIZONTAL DEVIATION = 1000' EAST

220
200
180
160
140
120

RTM 07° 49' WEST

4000'

3000'

2000'

80
60
40
20

120 100 80 60 40 20

*Simon's
filing*

TO :

FROM :

DATE :

RECEIVED

FILED

INDEXED

NOTED

September 27, 1966

Glen Ruby
310 Newhouse Building
Salt Lake City, Utah

Re: Glen Ruby
Big Flat Unit #3
Sec. 23, T. 26 S., R. 19 E.,
Grand County, Utah

Dear Mr. Ruby,

On September 21, 1966, an inspection was made of the above named well. It could be observed that some work had been conducted on the location but no one was around to inquire as to the well's status. It was later learned that you have whipstocked this well to test the "black oil" zone. Apparently, you did encounter some oil since it had flowed all over the landscape and down a nearby gully. The Commission is thereby requesting the following details from you:

1. A subsequent report of operations conducted.
2. A Well Completion and Recompletion log.
3. A copy of any surveys conducted in the new hole.
4. Location needs to be cleaned and restored to a more satisfactory condition.

In the future it will be necessary to obtain this office's approval prior to conducting any further operations. Your cooperation with respect to this matter will be greatly appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

PWB:kh

Oh, for the blessings of a yesteryear, (the New Year Wish from the Ruby clan)
 When a nickel would buy a quart of beer; a Democrat was an "also ran";
 When money you saved was spent as you please, not to be snatched by Federal hands,
 Spent on a fancy or flung to the breeze, or given to foreign rebel lands.
 When you worked when or for whom you might will; the pay you got was what you might earn;
 You got the full wage, no forms did you fill, and how you spent it was your concern.
 No Federal-sanctioned Union to tell what wages to pay, the hours you worked;
 No bureaucrat ordered the price to sell a thing produced by a man who shirked.
 A Supreme Court bound by the norms of the land and not hell-bent on making new rules,
 As we have today, by the Court's high hand; a stupid pack of Communist tools.
 Again to have an Executive Head, a man to deploy the public's will,
 Regardless of Yellow, Black, White, or Red; his sole ambition his post to fill.
 Have we dallied and waited much too long? Is it now too late, even to pray?
 Stern voices can quiet the Siren's Song, but we'll have a stag'ring price to pay.
 Right principles are the thing to support, not oratory nor handsome face.
 Choose a man who has guts to hold YOUR fort; broken field runners can't win a race.

\$ % * @ # @ &

We hope no feelings are ruffled by our injection of this sour note into the sweet gibberish, now so synonymous with yuletide, but it is an opportunity to ask our friends, "Quo vadis?"

We feel that the guide lines for our government, as set forth in the Constitution, are just as vital to the public good as are the principles for spiritual and moral good given to us in the Holy Writ. The Constitution sets no more limit on the number of political parties that does the Bible for the number of religious sects free to work under the principles of the Holy Word. And who shall say that he, only, is right?

For a hundred years there has been a drift away from the Constitution and toward government by personalities. An unintelligent electorate is responsible for this. All elected public officials should be subordinate to their party principles. The candidate who dodges the issues and tries to be all things to all men in order to court favor with self-seeking minority groups can be expected to be the same kind of artful dodger, if elected. Whom will he serve? It is a common fallacy that a public servant should be a leader. His duty is to carry out the orders of the Congress and the Supreme Court. Remember the Great Leaders of our present times? Lenin, Mussolini, Hitler, Tojo? What did they do for their countries?

Only by voter interest in establishing principles and selecting delegates at the precinct level can a party platform which fits his political philosophy be arrived at which will attract the kind of men he wants in office.

It's YOUR government; You elect the men you want to do your bidding.

If you don't vote, don't gripe!

Helen and Glen Ruby
 8329 Willow Creek Drive
 Sandy, Utah 84070

Dear Jack: I have cast my pearls so indiscriminately, politically speaking, that I might have offended some of my very best friends. Several days ago I gave one of your girl guides a few to be distributed among your office force. It is possible that she, after reading it, gave it the popular draft card treatment.

Paul Reed

and you did not receive a copy of my latest opus. PWB

I want to add, in case anyone takes umbrage at the use of the word "Democrat" in line 2, that the word "republican" is a four syllable word (in some circles it is a 4 LETTER word, too) and it has to be a 3 syllable word to maintain the meter of the classic.

I considered two other 3 syllable words, "Socialist" & "Communist" but since I could see so little difference I just decided to call it stat.

In order that your statistical department be spared any evil thought in the coming Holy Season, I prevailed on Bill Butler to get in the Big Flat report (which is not very voluminous) for November while it is still warm.

For Paul's information; File in Big Flat #3

we found the heating coils in the tanks so completely corroded by Miss Sulphur water, during the Pucc regime, that we cannot heat the tanks, and more recently the oil line is plugged with paraffin. The pumper estimates that he is flowing about 7 or 8 bbl per day of oil to a large water pit, where we can pick it up next spring and pump it into the tanks. Right now, it is hard enough to skate on. At last, I seem to be getting since we are to start more drilling in the Spring.

Gen.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN APPLICATION*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SL-067043

6. LAND OR MINERAL INTEREST

7. SURFACE OR SUBSURFACE RIGHTS

8. DEED OR OTHER INSTRUMENT NO.

9. COUNTY AND STATE

10. TOWNSHIP AND RANGE

11. SECTION

12. SURFACE OR SUBSURFACE RIGHTS

13. DEED OR OTHER INSTRUMENT NO.

14. COUNTY AND STATE

15. TOWNSHIP AND RANGE

16. SECTION

17. SURFACE OR SUBSURFACE RIGHTS

18. DEED OR OTHER INSTRUMENT NO.

19. COUNTY AND STATE

20. TOWNSHIP AND RANGE

21. SECTION

22. SURFACE OR SUBSURFACE RIGHTS

23. DEED OR OTHER INSTRUMENT NO.

24. COUNTY AND STATE

25. TOWNSHIP AND RANGE

26. SECTION

27. SURFACE OR SUBSURFACE RIGHTS

28. DEED OR OTHER INSTRUMENT NO.

29. COUNTY AND STATE

30. TOWNSHIP AND RANGE

31. SECTION

32. SURFACE OR SUBSURFACE RIGHTS

33. DEED OR OTHER INSTRUMENT NO.

34. COUNTY AND STATE

35. TOWNSHIP AND RANGE

36. SECTION

37. SURFACE OR SUBSURFACE RIGHTS

38. DEED OR OTHER INSTRUMENT NO.

39. COUNTY AND STATE

40. TOWNSHIP AND RANGE

41. SECTION

42. SURFACE OR SUBSURFACE RIGHTS

43. DEED OR OTHER INSTRUMENT NO.

44. COUNTY AND STATE

45. TOWNSHIP AND RANGE

46. SECTION

47. SURFACE OR SUBSURFACE RIGHTS

48. DEED OR OTHER INSTRUMENT NO.

49. COUNTY AND STATE

50. TOWNSHIP AND RANGE

51. SECTION

52. SURFACE OR SUBSURFACE RIGHTS

53. DEED OR OTHER INSTRUMENT NO.

54. COUNTY AND STATE

55. TOWNSHIP AND RANGE

56. SECTION

57. SURFACE OR SUBSURFACE RIGHTS

58. DEED OR OTHER INSTRUMENT NO.

59. COUNTY AND STATE

60. TOWNSHIP AND RANGE

61. SECTION

62. SURFACE OR SUBSURFACE RIGHTS

63. DEED OR OTHER INSTRUMENT NO.

64. COUNTY AND STATE

65. TOWNSHIP AND RANGE

66. SECTION

67. SURFACE OR SUBSURFACE RIGHTS

68. DEED OR OTHER INSTRUMENT NO.

69. COUNTY AND STATE

70. TOWNSHIP AND RANGE

71. SECTION

72. SURFACE OR SUBSURFACE RIGHTS

73. DEED OR OTHER INSTRUMENT NO.

74. COUNTY AND STATE

75. TOWNSHIP AND RANGE

76. SECTION

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Parley M. Neeley (Agent)

3. ADDRESS OF OPERATOR

271 North Main, Spanish Fork, Utah

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

633' from N. line, 793' from F line (NE/NE)
Sec 23, T26S, R19E, SLB&M.

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

Ground 5997

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

Work Over

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

(NOTE: Report results of multiple completions, well completion or abandonment, or other operations.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Pick up and pull tubing, run bit and drill collars, and drill to

6375 run 2 and 7/8 liner to 6375 from 6075. Total liner length 3000 feet.

Cement liner, hang same with top at 6075 and bottom at 6375. Perform

clastic #13 6318 to 6336 with two shots per foot. Shut off salt water

flow. Run tubing to 6336 nipple up tree displace mud with water

in. Dig pit in=area.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



United States Department of the Interior

OFFICE OF THE SOLICITOR

SUITE 6201, FEDERAL BUILDING
125 SOUTH STATE STREET
SALT LAKE CITY, UTAH 84138

February 26, 1980

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

King Oil Company
Attention: Mr. Bocell
c/o Energy Resources Oil & Gas Corp.
2735 Villa Creek Drive, Suite 165
Dallas, Texas 75234

Re: Wells Nos. 1 and 1A, Sec. 11,
T. 26 S., R. 19 E., Grand County,
Utah, Lease No. SL-066103

Wells Nos. 1, 2, and 3, Secs. 14 and
23, T. 26 S., R. 19 E., Grand County,
Utah, Lease No. SL-067043

Gentlemen:

This is to advise you that in response to a request from the U. S. Geological Survey, we are hereby issuing a formal demand that the above-referenced abandoned locations be properly plugged and restored. Numerous letters on this matter have been directed to your company, its surety, and its legal counsel by U.S.G.S. since 1972. To date, there has been no response assuring results.

Your company's failure to live up to the terms of the now terminated leases makes this formal demand necessary. Geological Survey has been more than patient in its attempts to have these plugging and restoration obligations satisfied. Patience, however, has its limits, and we feel it imperative that we receive a response setting up a satisfactory schedule for the completion of this work. Failure to do so will result in the initiation of legal proceedings.

12-1-1980

ENERGY RESOURCES OIL & GAS CORPORATION

a subsidiary of
Energy Resources Corporation

2735 VILLA CREEK DRIVE • SUITE 165 • DALLAS, TEXAS 75234 • (214) 241-2776

February 29, 1980

Mr. Roland G. Robison, Jr.
Assistant Regional Solicitor
U.S. Department of the Interior
Suite 6201 Federal Building
125 South State Street
Salt Lake City, Utah 84138

Re: Wells No. 1 and 1-A
Section 11, T-26-S, R-19-E
Grand County, Utah
Lease #SL-066103

Wells No. 1, 2, and 3
Sections 14 and 23, T-26-S, R-19-E
Grand County, Utah
Lease #SL-067043

Dear Mr. Robison:

We are in receipt of your letter of February 26, 1980, regarding the subject wells. As a result of a recent merger, Energy Resources Oil & Gas Corporation acquired the properties of King Oil Company without the knowledge of the location of old dry holes or abandoned wells. As a result of our bonding company advising us that we had a problem with these wells, we did track down their whereabouts.

On February 11, 1980, I talked to Mr. Dee Dearth by telephone and he related the location and well site conditions. Mr. Dearth also provided us with considerable well data and records which we did not previously have. Further, Mr. Dearth advised us that the area was covered with snow and that it would be difficult to do any work until Spring.

It is our intention to comply with the department requirements as soon as feasibly possible. I plan a personal trip to the well sites to make arrangements to properly plug and abandon these wells. Thank you for your cooperation.

Sincerely,


Robert D. Bocell
Operations Manager

Routing:

() Nielson
() Robison
() McConkie
() Kelly
() Lins
() Smith
() McPhie
() Bailey
()
()
() File

RDB/sc

If you have any questions concerning this matter, please feel free to contact us. We look forward to your response.

Very truly yours,

REID W. NIELSON
Regional Solicitor

Roland G. Robison Jr.

By

ROLAND G. ROBISON, JR.
Assistant Regional Solicitor

cc: Dee Dearth, Geological Survey, 2000 Administration Bldg.,
1745 West 1700 South, SLCU 84104
Siegfried Insurance, Attn: Peggy Borneman, P. O. Box 3308,
Tulsa, OK 74101

2-27-80

COPIES SENT TO:

*BLM, MOR6
USGS, VERNAL
USGS, GRD. LCT.
WELL FILES (5)*



United States Department of the Interior

GEOLOGICAL SURVEY
Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

October 23, 1980

United States Department of the Interior
Office of the Solicitor
Suite 6201, Federal Building
125 South State Street
Salt Lake City, Utah 84138

Re: ~~Well Nos. 1 and 1A, Section 11,~~
~~Township 26S, Range 19E~~
~~Grand County, Utah~~
~~Lease No. SL - 066103~~

Well Nos. 1, 2, and 3, Section 14
and 23, Township 26S, Range 19E
Grand County, Utah
Lease No. SL - 067043

Gentlemen:

Personnel from this office inspected the referenced locations on October 16, 1980. No progress has been made by Energy Resources Oil and Gas Corporation to comply with your demand letter dated February 26, 1980 (see attached letter).

According to Energy Resources Oil and Gas Corporation's reply letter dated February 29, 1980 (see letter attached) they proposed to comply with the Federal requirements as soon as feasibly possible.

Sufficient time has elapsed to complete this work; therefore, we feel further action will be necessary for compliance.

If additional information or assistance is required, please contact Dee Dearth at this office.

Sincerely yours,

(ORIG. SGD.) E. W. GUYNN

E. W. Guynn
District Oil and Gas Supervisor

Attachments

cc: BLM, Moab, Utah w/attachment
Utah State Oil and Gas w/attachment —

RECEIVED

OCT 27 1980

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

52-067043

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL ☒ WELL GAS ☐ WELL OTHER ☐

2. NAME OF OPERATOR

ENERGY RESOURCES OIL & GAS CORP.

3. ADDRESS OF OPERATOR

2735 Villa Creek Drive, Suite 165, Dallas Texas 75234

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

Big Flat Unit Well #3 NE/4 NE/4
Sec. 23 T26S R19E Grand Co. Utah

7. UNIT AGREEMENT NAME

Big Flat Unit

8. FARM OR LEASE NAME

Big Flat Unit

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Big Flat Unit

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

NE/4 NE/4 Sec 23
T26S R19E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH

Grand Co.

13. STATE

Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

☐
☐
☒
☐

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Work started on 6/16/81 & completed on 7/2/81

1. Move in casing pulling unit.
2. Wash down to 5130' & could go no deeper.
3. Spot 50 sk cement plug at 5130'.
4. Attempt to recover 7" casing & could not. 7" cemented to surface.
5. Shoot casing at 4250' & attempt a braden head type squeeze with 40 sk cement.
6. Spot a 30 sk plug at 2000'.
7. Attempt to squeeze cement between 7" & 9 5/8" casing & couldn't.
8. Squeeze 12 sk between 9 5/8" & surface casing.
9. Run 25 sk at surface & erect regulation marker.
- Note. 9.2# mud was circulated between plugs.
10. Move off & clean & relevel location.
11. Arrangements have been made to reseed in the fall.

RECEIVED

JAN 07 1982

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

E. J. Ruppert Jr.

TITLE

President of Ruppert Inc.

DATE

7/23/81

(This space for Federal or State office use)

APPROVED BY

E. W. Guynn

TITLE

E. W. Guynn

District Oil & Gas Supervisor

DATE

JAN 05 1982

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UTAH STATE O & G